Annual Report of the FIRE MARSHAL

for the fiscal year ended march 31, 1983

Nova Scotia

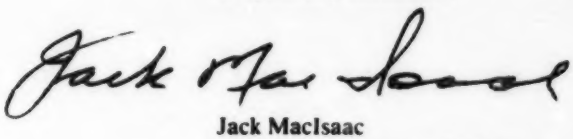
Department of Labour and Manpower

To His Honour
The Honourable Alan R. Abraham, C.D.
Lieutenant Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire Marshal, Department of Labour and Manpower, for the fiscal year ending March 31, 1983.

Respectfully submitted,



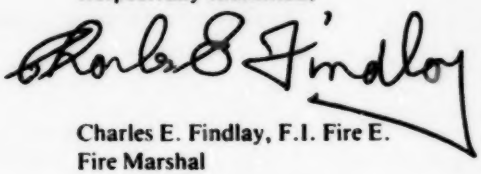
Jack MacIsaac
Minister of Labour and Manpower

The Honourable Jack MacIsaac
Minister of Labour and Manpower
Province of Nova Scotia
Halifax, Nova Scotia

Dear Sir:

I have the honour to present the 1982-83 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

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ANNUAL REPORT OF THE FIRE MARSHAL

For the Fiscal Year Ending March 31, 1983

Loss of Life and Injuries

Fire claimed the lives of 46 persons during the 12-month period ending March 31, 1983 - 27 men, 12 women and seven children. This compares with 21 lives the previous year.

The following were reported as the main causes of fire, involving deaths:

- Careless handling of smoking materials accounted for 21 deaths or 46 per cent.
- Electrical (miscellaneous) accounted for 9 deaths or 20 per cent.

Forty-four fire fatalities occurred in residential properties.

In reviewing the number of fire fatalities compared with the previous fiscal year, it is noted that an increase of over 100 per cent was recorded. The main reason for this is attributed to an increase in the number of fires which caused multiple deaths. During this period five fires resulted in three to five fatalities.

If smoke alarms were installed in the home, and fire prevention practised, a substantial reduction of fire fatalities and property loss would have occurred.

Fire also injured 105 persons during the year, including 48 fire-fighters.

Property Loss

The recorded fire loss occurring in the Province of Nova Scotia for the fiscal year was placed at $29,164,906 as a result of 2,589 fires. This compares with a fire loss of $40,294,590 and 2,870 fires in the previous fiscal year.

This represents 281 fewer reported fires than the previous year and a reduction of $11,129,684 in monetary losses.

During the fiscal year 15 fires accounted for $10,904,720, or 37 per cent of the total monetary loss.

If approved automatic sprinkler systems had been installed before any of the large fire losses occurred, and fire prevention had been practised on a permanent basis, then these large fire losses would have been prevented or the destruction would have been reduced.

Main Causes of Fires

The following are listed as the reported main causes of all fires.

- Chimneys, stacks and pipes - 528 fires with a monetary loss of $1,327,055.
- Arson and suspected incendiary - 269 fires with a monetary loss of $6,199,300.
- Careless handling of smoking materials - 177 fires with a monetary loss of $1,332,920.
- Electrical miscellaneous - 176 fires with a monetary loss of $5,751,478.
- Short circuit, faulty wiring - 155 fires with a monetary loss of $1,545,035.

Chimney, stacks and pipes have become, for the third year in a row, the most likely locations for a fire to start. This large number of fires is mainly attributed to the build-up of creosote in the flue and lack of maintenance in removing the creosote.

The fire service, in cooperation with the Office of the Fire Marshal, is constantly trying to educate the public in maintenance and operation of this equipment through displays, lectures and courses on the use of solid fuel-burning appliances.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, city and municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureaux and the Fire Marshal's Staff.

A total of 269 fires with losses of $6,199,300 were attributed to arson or suspected incendiary. Seven of these fires contributed $2,974,417 towards the total loss.

Extensive investigations resulted in 36 persons being charged under the Criminal Code of Canada.

During the seventies, the number of arson and suspected incendiary fires rose until they peaked in the fiscal year ending March 31, 1980. In that year 345 fires were reported as of incendiary nature; since then, this cause of fire has decreased in number every year.

The increase in the number of persons charged this year and the decrease in the number of incendiary fires is mainly due to the upgrading of fire investigators throughout the province.

A major education program, designed for law and fire enforcement officials, was undertaken in 1979 through the cooperation of the Office of the Fire Marshal, Nova Scotia Firefighters School and the Canadian Fire Investigation School (Eastern).

It would appear that this educational program, which mainly consists of training the fire and police services in fire investigation, is showing results in the number of persons charged in incendiary fires and the reduction in the number of this type of fire.

During this fiscal year, the Fire Marshal was principal of two fire investigation schools which were held in Wolfville and Halifax respectively.

Fire Prevention Activities

The main activities of the Fire Marshal's Division for the fiscal year ending March 31, 1983, are shown in Table I.

The distribution of public safety information played a prominent role. Public information services were maintained through the film library, directories, displays and lectures.

Membership in the following international, national, provincial and local advisory and enforcement agencies provided the Fire Marshal's Division with current fire safety information and requirements:

Association of Professional Engineers of Nova Scotia
Advisory Committee of Electrical Safety
Canadian Association of Fire Chiefs
Canadian Association of Fire Marshals and Fire Commissioners
Canadian Association of Fire Investigators
Canadian Elevator Safety Code

Canadian Gas Association
Canadian Standards Association
Chief Fire Officers' Association of Nova Scotia
Engineering Institute of Canada
Fire Marshals Association of North America
Fire Prevention Canada (Fiprecan) Association
International Association of Arson Investigators
International Association of Electrical Inspectors
International Association of Fire Chiefs
Institution of Fire Engineers
Interprovincial Gas, Advisory Council
Maritime Fire Chiefs' Association
National Fire Protection Association
Nova Scotia Board of Examiners (L.P. Gas Regulations)
Nova Scotia Firefighters School
Underwriters' Laboratories of Canada
Warnock Hersey Professional Services Ltd.

Seventy-six Nova Scotian Firefighters with more than 30 years' service were honoured during the fiscal year with Nova Scotia Fire Service Long Service Medals.

L. P. Gas Board of Examiners

The L. P. Gas Board of Examiners was very active during the fiscal year in carrying out certification of persons working in the propane industry. During this period, 319 applicants wrote 386 exams. The number of applicants who wrote exams represents an increase of over 100 per cent compared with the previous fiscal year.

Fire Prevention Week

The week of October 3-9 was, by Royal Proclamation, designated as Fire Prevention Week throughout Canada.

The following is a list of activities that were carried out by this division during Fire Prevention Week.

* Total number of schools visited - 252

* Fire evacuation drills and fire prevention talks were held in most of these schools.

* Fire Prevention Week Parade attended - 1

* Fire prevention talks were given to various organizations throughout the province.

* A fire prevention display booth was set up at the K-Mart Mall in Yarmouth, Yarmouth County. Personnel from this office and the Yarmouth Fire Department manned the display booth.

* Approximately 75,000 pieces of fire prevention literature were distributed.

* Fire prevention messages were distributed to all news media throughout the province.

* All fire prevention films were loaned out to various fire departments throughout the province.

Summary

In reviewing the fire losses in this fiscal year compared with last year, it is noted that the number of fires decreased by over nine per cent while the monetary loss also decreased by 28 per cent.

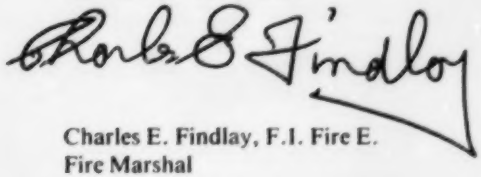
The large increase in fire fatalities is again mainly due to the lack of installed approved smoke alarms and fire prevention being practised in the home.

The combined efforts of the fire service, law enforcement agencies and the general public are needed in order to reduce the tragic loss of life and destruction of property in this province.

My sincere thanks are extended to the 330 fire departments, industrial brigades and other fire protection services for the excellent cooperation received during the year. I would also like to thank all municipal authorities, insurance adjusters, inspectors of mutual insurance companies, Insurance Crime Prevention Bureaux, officers and members of the Royal Canadian Mounted Police, city and town police forces, fire department ladies' auxiliaries, the press and television stations for their excellent cooperation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service and also to the people of Nova Scotia, who in so many ways assisted in fire prevention and protection.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

TABLE I

FIRE PREVENTION ACTIVITIES

April 1, 1982 - March 31, 1983

The following table shows some of the principal work carried out by the Fire Marshal's Division.

Inspections:

Assembly	626
Business and Personal occupancy	27
Electrical	61
Industrial	30
Institutional	542
Lightning Rod installations	60
L. P. Gas installations	114
Mercantile	18
Residential	205
Special	96
Sprinkler systems	121
Total	1,900

Annual meetings and banquets attended	33
Architect meetings	335
Attended fire prevention and fire-fighting training courses	22
Attended new fire hall opening	2
Conducted fire-fighting training sessions	84
Conducted fire prevention training courses	28
Court appearances	41
Electrical	58
Films loaned	433
Fire Advisory Council Meetings	6
Fire department meetings and consultations	218
Fire investigations	199
Fire Marshal's quarterly bulletins distributed: (per issue)	850
Government, municipal and civic authorities meetings	81
L. P. Gas Board of Examiners meetings	30
L. P. Gas meetings	114
Meetings concerning sprinkler systems	16

Number of plans examined:	
Buildings	494
Electrical	3
L. P. Gas installations	205
Sprinkler installations	64
Other meetings concerning fire safety	60

TABLE II

CAUSES OF LOSS OF LIFE AND INJURIES BY FIRE*
April 1, 1982 - March 31, 1983

Causes	Deaths				Injuries				
	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Arson or suspected incendiary	2	1		3	1			4	5
Careless handling of smoking materials	14	4	3	21	12	2	5	7	26
Chimneys, stacks, pipes and flues					2			7	9
Children playing with matches					2		1		3
Defective propane appliances and equipment					1				1
Electrical (miscellaneous)	1	4	4	9	2	2	1	7	12
Electrical appliances (other than heating)								3	3
Fireplace (miscellaneous)	2			2					
Ignition of fat, grease and cooking oil					1		2		3
Miscellaneous								1	1
Misuse of flammable liquids					2				2
Misuse of solid fuel heating appliances	1	1		2				2	2
Pot left in/on stove					1				1
Propane appliances and equipment (miscellaneous)						1			1
Short circuit and faulty wiring	1			1	1	1	4	4	10
Undetermined	6	2		8	7	3	3	11	24
Welding								2	2
Total	27	12	7	46	32	9	16	48	105

* The above table does not include one death and seven injuries caused by electrical power.

TABLE III

TYPE OF OCCUPANCY WHERE LOSS OF LIFE AND INJURIES RESULTED FROM FIRE*
April 1, 1982 - March 31, 1983

	Deaths				Injuries				
Type of Occupancy	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Apartment buildings	6	2	1	9	13		2	6	21
Automobiles	1			1	2				2
Barns and other farm properties	1			1	1		1		2
Churches								2	2
Dwellings	18	10	6	34	10	7	13	10	40
Hospitals and nursing homes					1				1
Hotels and motels						1			1
Miscellaneous non-manufacturing					1			10	11
Mobile homes	1			1		1			1
Municipal halls, social service clubs					2			3	5
Public garages, metal works								1	1
Retail stores, office buildings					2			15	17
Warehouses								1	1
Total	27	12	7	46	32	9	16	48	105

* The above table does not include one death and seven injuries caused by electrical power.

TABLE IV

GEOGRAPHIC DISTRIBUTION OF FIRES WITH MONETARY LOSSES
April 1, 1982 - March 31, 1983
(Monetary and Per Capita Fire Loss Averages)
April 1, 1973 - March 31, 1983

Population figures taken from the 1981 Census of Canada (1)

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Province of Nova Scotia	847,442	2,589	$29,164,906	$200,935,305	$20,093,531	$ 34.42	$ 23.71
Annapolis County	15,615	6	12,463	3,999,587	399,959	.80	25.61
Annapolis Royal	631	10	140,860	489,479	48,948	223.23	77.57
Bridgetown	1,047	12	236,287	392,681	39,268	225.68	37.51
Lawrencetown	550	8	14,154	28,086	2,809	25.73	5.11
Margaretville	207	5	144,189	169,092	16,909	696.57	81.69
Middleton	1,834	13	18,161	184,895	18,490	9.90	10.08
Nictaux	1,048	7	6,472	151,224	15,122	6.18	14.43
Port Lorne	377	4	7,229			19.18	
Springfield	1,213	2	547	99,593	9,959	.45	8.21
Antigonish County	10,502	15	173,622	1,559,859	155,986	16.53	14.85
Antigonish	5,205	16	152,676	1,044,299	104,430	29.33	20.06
Auld's Cove	246	1	1,200	25,200	2,520	4.88	10.24
Havre Boucher	386	7	14,018			36.32	

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
4 Valleys (Maryvale)	118						
Pomquet	601	8	$ 176,064	$ 287,892	$ 28,789	$ 292.95	$ 47.90
St. Andrews	345	1	1,300			3.77	
Tracadie	707	1		25,866	2,587		3.66
Cape Breton County	23,299	11	95,463	2,880,700	288,070	4.10	12.36
Albert Bridge	98						
Big Pond	227			10,700	1,070		4.71
Birch Grove	424	1	1,870	58,987	5,899	4.41	13.91
Coxheath	771	2	481	95,697	9,570	.62	
District 6, Christmas Island	77	4	26,603			345.49	
District 14, Main-a-Dieu	402	1	7,500			18.66	
Dominion	2,856	3	51,345	299,966	29,997	17.98	10.50
Donkin	859	1	100	230,200	23,020	.12	26.80
Florence	2,111	18	250,442	896,408	89,641	118.64	42.46
Frenchvale	506						
Gabarus	216			15,105	1,511		7.00
George's River	190	2	125,791			662.06	
Glace Bay	21,466	84	3,871,094	9,689,975	968,998	180.34	45.14
Grand Lake Road	1,248	14	1,822	588,929	58,893	1.46	47.19
Louisbourg	1,410	1	183,475	350,941	35,094	130.12	24.89
Marion Bridge	465	5	20,575	212,838	21,284	44.25	45.77
Mira Road	1,569			103,835	10,384		6.62

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
New Victoria	1,363	9	$ 35,230	$ 300,021	$ 30,002	$ 25.85	$ 22.01
New Waterford	8,808	28	585,763	2,066,392	206,639	66.50	23.46
North Sydney	7,820	16	77,698	3,173,130	317,313	9.94	40.58
Northside, East Bay	899						
Port Morien	711	1	11,000	171,605	17,161	15.47	24.14
Reserve Mines	2,454	6	45,582	487,857	48,786	18.57	19.88
Scotchtown	2,020	11	71,576	242,509	24,251	35.43	12.01
South Bar	891						
Sydney	29,444	157	736,613	6,988,850	698,885	25.02	23.74
Sydney Mines	8,501	27	98,730	1,907,203	190,720	11.61	22.44
Sydney River	2,468	8	9,151	124,108	12,411	3.71	5.03
Tower Road	396			2,000	200		.51
Westmount	3,066	2	1,850	246,058	24,606	.60	8.03
Colchester County	16,485	11	122,647	1,255,015	125,502	7.44	7.61
Bass River	203	1	15,000	25,150	2,515	73.89	12.39
Bible Hill	4,266	6	39,332	1,897,765	189,777	9.22	44.49
Brookfield	610	5	2,044	132,761	13,276	3.35	21.76
Cobequid District	253	14	106,810	453,421	45,342	422.17	179.22
Debert	618	8	86,057	423,501	42,350	139.25	68.53
Economy	169						
Five Islands	447	1	51,218	80,268	8,027	114.58	17.96
Great Village	515	2	3,572	75,822	7,582	6.94	14.72

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Hilden	1,262	3	$ 86,727	$ 254,529	$ 25,453	$ 68.72	$ 20.17
North River	665			156,333	15,633		23.51
Onslow-Belmont	1,180	3	10,531	148,389	14,839	8.92	12.58
Salmon River	1,889	4	80,851	113,744	11,374	42.80	6.02
Stewiacke	1,174	5	31,938	297,417	29,742	27.20	25.33
Tatamagouche	579	17	7,487	124,695	12,470	12.93	21.54
Truro	12,552	45	465,701	3,328,795	332,880	37.10	26.52
Upper Stewiacke	210	2	12,975	102,397	10,240	61.79	48.76
Valley-Kemptown	147	2	10,938			74.41	
Cumberland County	12,108	18	186,752	1,684,723	168,472	15.42	13.91
Advocate	193						
Amherst	9,684	18	264,235	2,845,373	284,537	27.29	29.38
Collingwood	148	10	21,200			143.24	
Joggins	632			25,011	2,501		3.96
Oxford	1,470	3	9,268	170,596	17,060	6.30	11.61
Parrsboro	1,799	3	23,100	483,309	48,331	12.84	26.87
Port Greville	102	1	40,000	75,599	7,560	392.16	74.12
Pugwash	941	2	38,400	139,473	13,947	40.81	14.82
River Hebert	1,234	5	13,300	394,215	39,422	10.78	31.95
Southampton	209						
Springhill	4,896	5	12,134	1,629,232	162,923	2.48	33.28
Tidnish Bridge	360	1	18,395	71,992	7,199	51.10	20.00

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Truemanville	179			$ 38,145	$ 3,815		$ 21.31
Wallace	521	8	$ 69,058	160,738	16,074	$ 132.55	30.85
Wentworth	566	3	22,322			39.44	
Westchester	189						
Digby County	11,870	32	139,442	2,133,259	213,326	11.75	17.97
Bear River	475	7	83,675	105,348	10,535	176.16	22.18
Brighton and Barton	340			5,933	593		1.74
Danvers, Southville, Riverdale	245						
Digby	2,558	6	57,499	1,655,959	165,596	22.48	64.74
Freeport	452	1	3,022			6.69	
Havelock	74	1	99,096			1,339.14	
Hectanooga	85						
Little Brook	429			25,829	2,583		6.02
Meteghan	1,836	8	16,823	526,655	52,666	9.16	28.69
Plympton-Gilbert Cove	610	4	120,557	176,546	17,655	197.63	28.94
St. Bernard	322			49,880	4,988		15.49
Salmon River	323	1	2,800			8.67	
Smith's Cove	469	5	12,715			27.11	
Tiverton	292			13,357	1,336		4.58
Westport	353	1		81,401	8,140		23.06
Weymouth	956	2	8,416	493,925	49,393	8.80	51.67

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Guysborough County	6,873	8	$ 26,476	$ 849,660	$ 84,966	$ 3.85	$ 12.36
Canso	1,255	2	47,718	288,118	28,812	38.02	22.96
District 6, Goshen	205	2	9,500			46.34	
Down East (Sherbrooke)	390	1	95,151	224,203	22,420	243.98	57.49
Ecum Secum	336	5	133,371	217,837	21,784	396.94	64.83
Guysborough	545	1	5,000	1,113,149	111,315	9.17	204.25
Harbourview	134	1	10,000			74.63	
Hazel Hill	254						
Liscomb	150						
Little Dover	607	2	79,100			130.31	
Manchester-Boylston	303	1					
Mulgrave	1,099	2	72,229	212,877	21,288	65.72	19.37
St. Mary's (Aspen)	120						
Seashore (Port Bickerton)	130	1	2,015	2,015	202	15.50	1.55
Seven Communities (Sand Point, Hadleyville)	190						
Torbay	73						
Whitehead	88						
Halifax County							
Bay Road	2,300	1					
Beaverbank-Kinsac	2,544	2	2,550	15,253	1,525	1.00	.60
Bedford	6,777	21	174,675	1,110,528	111,053	25.77	16.39

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Chezzetcook	2,836	4	$ 2,000	$ 126,310	$ 12,631	$ .71	$ 4.45
Dartmouth	62,277	187	931,082	7,373,228	737,323	14.95	11.84
District 1, Black Point	3,076	1	1,051	203,038	20,304	.34	6.60
District 4, Terence Bay	2,412	4	58,283	229,120	22,912	24.16	9.50
District 6, Eastern Passage	4,277	7	102,060	527,063	52,706	23.86	12.32
District 7, Cole Harbour	17,500	50	66,087	445,137	44,514	3.78	2.54
District 8, Lake Echo	4,557	18	52,758			11.58	
District 9A, Lawrencetown	2,202	10	2,412	449,679	44,958	1.10	20.42
District 10 East, Oyster Pond-Jeddore	1,163	4	95,016	270,810	27,081	81.70	23.29
Dutch Settlement	419						
Gay's River	369	5	9,500	38,547	3,855	25.75	10.45
Goff's	111	2	1,500	37,680	3,768	13.51	33.95
Grand Lake	1,000	1		17,328	1,733		1.73
Halifax	114,594	382	1,952,921	21,003,898	2,100,390	17.04	18.33
Hammonds Plains	2,000	3	550	406,407	40,641	.28	20.32
Harrietsfield	2,367	1	14,405	181,614	18,161	6.09	7.67
Hatchet Lake	2,412			146,978	14,698		6.09
Herring Cove	2,367	1	300	85,859	8,586	.13	3.63
Lakeside	4,692	3	23,500	181,045	18,105	5.01	3.86
Meagher's Grant	369	1	3,504	132,725	13,273	9.50	35.97
Middle Musquodoboit	1,445	1		176,623	17,662		12.22
Mooseland	300						

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Mosher's River	946	1	$	$ 99,176	$ 9,918	$	$ 10.48
Musquodoboit Harbour	936	4	66,471	378,625	37,863	71.02	40.45
Ostrea Lake and Pleasant Point	402	1	45,000			111.94	
Sackville	27,500	44	285,122	2,942,455	294,246	10.37	10.70
Seabright	1,500	3	138,000	284,037	28,404	92.00	18.94
Sheet Harbour	1,001	6	28,419	486,202	48,620	28.39	48.57
Tangier	300	8	10,864			36.21	
Three Harbours (Port Dufferin)	900	2	1,446			1.61	
Upper Hammonds Plains	620			28,934	2,893		4.67
Upper Musquodoboit	1,200	4	1,050,000	1,091,442	109,144	875.00	90.95
Waverley	1,699	3	8,462	521,910	52,191	4.98	30.72
Wellington	2,788	5	810,635	971,425	97,143	290.76	34.84
Windsor Junction	3,000	6	38,126	210,849	21,085	12.71	7.03
Hants County	17,673	3	74,220	2,628,898	262,890	4.20	14.88
Brooklyn	529	42	171,808	778,663	77,866	324.78	147.19
Elmsdale	1,162	2	650	180,334	18,033	.56	15.52
Enfield	1,510	4	368,735	1,062,838	106,284	244.20	70.39
Gore District	543	1	6,602	67,376	6,738	12.16	12.41
Hantsport	1,395	1	1,500	212,833	21,283	1.08	15.26
Kennetcook	330	5	16,024			48.56	

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Lantz	1,172	2	$ 1,127	$ 149,040	$ 14,904	$ .96	$ 12.72
Maitland	230	5	75,500			328.26	
Milford	748	3	6,793	31,520	3,152	9.08	4.21
Moosebrook-Minasville	181	1	89,900	89,900	8,990	496.69	49.67
Nine Mile River	537	3	36,260			67.52	
Noel	469			24,062	2,406		5.13
Shubenacadie	626	1	23,402	308,405	30,841	37.38	49.27
Summerville	272	1	4,200	190,501	19,050	15.44	70.04
Uniacke and District	1,311	5	2,700	391,000	39,100	2.06	29.82
Upper Rawdon	501	3	12,500	76,798	7,680	24.95	15.33
Walton Shore	286	3	800	2,081,638	208,164	2.80	727.85
Windsor	3,646	27	545,178	1,592,098	159,210	149.53	43.67
Inverness County	10,688	9	117,781	963,941	96,394	11.02	9.02
Ainslie-Upper Margaree	64	5	68,700	125,500	12,550	1,073.44	196.09
Cheticamp	1,069	6	37,172	543,793	54,379	34.77	50.87
Inverness	2,000	2	9,000	672,938	67,294	4.50	33.65
Judique	918	1		130,548	13,055		14.22
Mabou	727	2	130,586	144,519	14,452	179.62	19.88
Margaree	282			70,403	7,040		24.96
North East Margaree	325			118,532	11,853		36.47
Pleasant Bay	410						
Port Hastings	312			435,258	43,526		139.51

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Port Hawkesbury	3,850	5	$ 122,511	$ 6,745,962	$ 674,596	$ 31.82	$ 175.22
Port Hood	695	2	430	122,185	12,219	.62	17.58
Valley Mills	198			21,000	2,100		10.61
West Bay Road	388	1	80,000			206.19	
Whycocomagh	411	5	30,338	83,623	8,362	73.82	20.35
Kings County	31,413	27	348,752	4,611,853	461,185	11.10	14.68
Aylesford	865	5	277,181	383,788	38,379	320.44	44.37
Berwick	1,699	56	172,400	4,055,242	405,524	101.47	238.68
Canning	752	2	474	244,689	24,469	.63	32.54
Greenwich	378	1		28,907	2,891		7.65
Kentville	4,974	11	111,138	5,264,251	526,425	22.34	105.84
Kingston	1,665	65	21,556	533,835	53,384	12.95	32.06
New Minas	2,873	2	66,185	470,374	47,037	23.04	16.37
Port Williams	1,209	4	422,212	648,456	64,846	349.22	53.64
Waterville	676	5	22,436	121,992	12,199	33.19	18.05
Wolfville	3,235	9	119,920	309,927	30,993	37.07	9.58
Lunenburg County	12,112	33	278,439	2,931,398	293,140	22.99	24.20
Baker Settlement	262			43,201	4,320		16.49
Blandford	227			88,601	8,860		39.03
Blockhouse	613	1	1,000	150,063	15,006	1.63	24.48
Bridgewater	6,669	26	138,627	735,032	73,503	20.79	11.02

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Chelsea	238	1	$ 137	$ 22,128	$ 2,213	$ .58	$ 9.30
Chester	10,242	15	56,193	525,100	52,510	5.49	5.13
Chester Basin	639	1	150			.23	
Conquerall Bank	946	4	41,094	56,785	5,679	43.44	6.00
Cornwall	358						
Crousetown	161	5	3,000			18.63	
Dayspring	643			18,244	1,824		2.84
Hebb's Cross	408	1	61,496	143,601	14,360	150.73	35.20
Hebbville	825	4	78,735	128,643	12,864	95.44	15.59
Hemford	277	2	11,965	37,878	3,788	43.19	13.68
Hubbards	718	3	31,850	69,733	6,973	44.36	9.71
Indian Point	159	1	703	703	70	4.42	.44
Italy Cross	282	5	17,249	46,149	4,615	61.17	16.37
LaHave	195	5		55,557	5,558		28.50
Lapland	108			80,624	8,062		74.65
Lunenburg	3,014	18	2,055,230	2,449,721	244,972	681.89	81.28
Mader's Cove	225			17,500	1,750		7.78
Mahone Bay	1,228	14	2,153	1,111,415	111,142	1.75	90.51
Maitland	189	2	6,500			34.39	
Martin's River	369	2		95,321	9,532		25.83
Midville District	232	1					
New Germany	581	8	158,882	343,641	34,364	273.46	59.15
New Ross	372	4	123,586	422,584	42,258	332.22	113.60

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Newcombville	226			$ 425	$ 43		$ .19
Northfield	158	1	$ 151	100,444	10,044	$ .96	63.57
Oakhill	278						
Petite Riviere	281			683	68		.24
Pleasantville	451	9	10,863	55,923	5,592	24.09	12.40
Riverport	387	3	173,668	12,116,070	1,211,607	448.75	3,130.77
United Communities (Mill Village)	227						
Western Shore	704	22	8,690	372,751	37,275	12.34	52.95
Wileville	742	3	49,520	144,343	14,434	66.74	19.45
Pictou County	16,568	27	249,715	2,091,873	209,187	15.07	12.63
Abercrombie	610	7	36,025			59.06	
Alma	270	2	69,308	214,774	21,477	256.70	79.54
Barney's River	62			59,878	5,988		96.58
Blue Mountain	98						
East River Valley	133						
Eureka	431	8	48,750	136,808	13,681	113.11	31.74
Linacy	579			67,482	6,748		11.65
Little Harbour	410			109,112	10,911		26.61
Merigomish	189						
New Glasgow	10,464	25	137,236	2,596,459	259,646	13.12	24.81
Pictou	4,628	8	156,929	1,534,627	153,463	33.91	33.16

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Pictou Island	35						
Pictou Landing	534	3	$ 106,227	$ 282,139	$ 28,214	$ 198.93	$ 52.84
Plymouth	314			121,866	12,187		38.81
River John	488	3	49,843	79,388	7,939	102.14	16.27
Scotsburn	342			16,448	1,645		4.81
Stellarton	5,435	16	164,515	1,026,602	102,660	30.27	18.89
Thorburn	1,004	3	28,041	154,782	15,478	27.93	15.42
Trenton	3,154	20	131,631	941,336	94,134	41.73	29.85
West River	80			42,659	4,266		53.33
Westville	4,522	19	323,201	744,115	74,412	71.47	16.46
Queens County	8,288	5	181,960	812,763	81,276	21.95	9.81
Charleston	232			23,854	2,385		10.28
Greenfield	177	2	2,329	33,943	3,394	13.16	19.18
Liverpool	3,304	92	575,590	831,463	83,146	174.21	25.17
Mill Village	227	2	158,023	443,789	44,379	696.14	195.50
North Queens-Caledonia	517	20	53,081	299,821	29,982	102.67	57.99
Port Medway	381			66,158	6,616		17.36
Richmond County	9,617	13	124,765	1,198,028	119,803	12.97	12.46
Framboise-Fourchu	93	2	9,000			96.77	
Grand River	114						
Isle Madame	824	5	332,710	365,743	36,574	403.77	44.39

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Louisdale	967	5	$ 119,830	$ 489,013	$ 48,901	$ 123.92	$ 50.57
St. Peter's	669	36		211,245	21,125		31.58
Shelburne County	8,839	15	337,499	1,069,854	106,985	38.18	12.10
Barrington	388	1	40,000	55,398	5,540	103.09	14.28
Barrington Passage	722			6,871	687		.95
Clark's Harbour	1,059	3	107,189	441,478	44,148	101.22	41.69
District 6W, Clark's Harbour	437						
Gunning Cove	129						
Ingomar-Roseway	158						
Jordan	539	2	1,060			1.97	
Lockeport	929	3	7,650	7,016,978	701,698	8.23	755.33
North East Harbour	102	1	850	9,206	921	8.33	9.03
Port Clyde	106						
District 8, Port LaTour	178			10,427	1,043		5.86
Sable River	252	3	13,283	55,524	5,552	52.71	22.03
Shag Harbour	254			23,266	2,327		9.16
Shelburne	2,303	8	282,147	891,492	89,149	122.51	38.71
West Green Harbour	150	1	1,300			8.67	
Woods Harbour	783	1	2,000	26,484	2,648	2.55	3.38
Victoria County	3,968	5	102,000	1,002,219	100,222	25.71	25.26

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Baddeck	1,266			$ 439,238	$ 43,924		$ 34.70
Big Bras d'Or	281	2	$ 1,146	126,611	12,661	$ 4.08	45.06
Cabot	311	1	4,248	95,748	9,575	13.66	30.79
Ingonish	1,262	10	1,621,490	2,258,819	225,882	1,284.86	178.99
Iona	120			9,131	913		7.61
Neil's Harbour - New Haven	445						
North River, Englishtown	238			1,216	122		.51
South Side Boularderie - Bras d'Or	541						
Yarmouth County	10,870	23	179,575	1,238,727	123,873	16.52	11.40
Carleton	459	2	8,000	39,655	3,966	17.43	8.64
Comeau's Hill - Little Brook	553						
Eel Brook	154						
Islands and District - Tusket	488						
Kemptville	107	1	16,000			149.53	
Lake Vaughan	210						
Lakes and District (RR#1 South Ohio)	658						
Port Maitland	475			22,388	2,239		4.71

Table IV continued

Location	Population	1982-83 No.	1982-83 Loss	Ten-Year Total Loss	Average Annual Loss	Loss Per Capita 1982-83	Loss Per Capita 1973-83
Quinan	83	2	$ 1,934	$	$	$ 23.30	$
Valley and District (RR2 South Ohio)	200	6					
Wedgeport	827	4	10,355	58,194	5,819	12.52	7.04
West Pubnico	1,364			57,041	5,704		4.18
Yarmouth	9,842	17	199,627	1,740,591	174,059	20.28	17.69
Total		2,589	$29,164,906				

(1) The communities shown in this table are areas containing fire departments in their districts.

TABLE V

ANALYSIS OF REPORTED CAUSES OF FIRES BY NUMBER AND MONETARY LOSSES

April 1, 1982 - March 31, 1983

Cause	No. of Fires	Losses		
		Insured	Uninsured	Total
Grass fires	12	$ 137,148	$	$ 137,148
Chimneys, stacks and pipes	528	1,326,055	1,000	1,327,055
Fireplaces	18	92,398		92,398
Oil-heating appliances	7	179,600		179,600
Defective oil-heating appliances	56	367,065		367,065
Explosion of oil-heating appliances	1	3,000		3,000
Misuse of oil-heating appliances	1			
Propane appliances	15	43,151		43,151
Defective propane appliances	5	126,192	80,642	206,834
Misuse of propane appliances	1	453		453
Solid fuel heating appliances	20	265,922		265,922
Defective solid fuel heating appliances	8	61,361		61,361
Misuse of solid fuel heating appliances	12	253,947		253,947
Hot ashes, sparks	59	462,539	500	463,039
Electrical				
Misuse of electrical heating appliances	1	500		500
Electrical miscellaneous	176	5,655,384	96,094	5,751,478
Electrical appliances (other than heating)	27	211,002		211,002
Short circuit, faulty wiring	155	1,372,783	172,252	1,545,035
Television fires	3	23,017		23,017
Radiated electrical heat	4	2,200		2,200
Lightning	11	20,390		20,390
Ignition of fat, grease	119	672,216		672,216
Pot left in/on stove	42	95,820		95,820
Exposure to adjacent building	6	75,731		75,731
Exposure to contents from another fire	4	4,063		4,063
Careless handling of smoking materials	177	1,321,920	11,000	1,332,920

TABLE V continued

Cause	No. of Fires	Losses		
		Insured	Uninsured	Total
Children playing with matches	33	$ 2,644,141		$ 2,644,141
Candles, kerosene lamps	10	191,384		191,384
Spontaneous ignition	13	206,332		206,332
Explosions (other than heating appliances)	1	50,000		50,000
Arson or suspected incendiary	269	5,871,354	327,946	6,199,300
Miscellaneous	57	348,652	1,500	350,152
Radiated heat (other than electrical)	7	139,962		139,962
Undetermined	632	4,384,905	67,300	4,452,205
Misuse of flammable and combustible liquids	12	103,571		103,571
Defective carburetor (auto)	32	113,455		113,455
Burning rubbish	16	21,516		21,516
Welding torches	32	1,342,977	164,900	1,507,877
Kerosene heaters	7	49,666		49,666
Total	2,589	$28,241,772	$923,134	$29,164,906

TABLE VI

FIRE LOSSES BY OCCUPANCY

April 1, 1982 - March 31, 1983

Type of Property	No. of Fires	Losses		
		Insured	Uninsured	Total
Dwellings	1,398	$ 9,352,271	$ 54,295	$ 9,406,566
Apartment buildings	135	901,757		901,757
Mobile homes	39	326,596		326,596
Trailers and recreational vehicles	27	140,917		140,917
Farm risks	48	745,656	188,552	934,208
Churches	8	3,102,828		3,102,828
Hospitals	25	373,904		373,904
Schools	15	452,400		452,400
Municipal halls, social service organizations	7	180,386	22,175	202,561
Warehouses	49	291,707		291,707
Retail stores, offices	148	5,126,055	328,712	5,454,767
Hotels, motels	10	699,217		699,217
Food product plants, bakeries	10	2,610,618	500	2,611,118
Flour, cereal mills	1	834		834
Service stations, other oil risks	13	152,275		152,275
Lumberyards	6	65,602		65,602
Woodworkers	1			
Metal works foundries	28	705,554		705,554
Traction properties, power plants	1			
Miscellaneous manufacturing	2	103,469		103,469
Miscellaneous non-manufacturing	60	2,010,778	3,000	2,013,778
Automobiles	529	427,683	900	428,583
Marine	14	402,535	325,000	727,535
Federal properties	15	68,730		68,730
Total	2,589	$28,241,772	$923,134	$29,164,906

TABLE VII

FIRES WHERE MONETARY LOSSES EXCEED $250,000
April 1, 1982 - March 31, 1983

No.	Location	Date	Classification	Amount	Reported Cause
1.	New Waterford Cape Breton Co.	Apr. 14-82	Business Complex	$ 299,500	Electrical
2.	Dartmouth Halifax Co.	May 28-82	Business Complex	568,408	Chimney and Stove Pipes
3.	Petit de Grat Richmond Co.	May 29-82	Marine	325,000	Suspected Incendiary
4.	Glace Bay Cape Breton Co.	May 30-82	Church	2,570,715	Children Playing with Matches
5.	Fletcher's Lake Halifax Co.	July 12-82	Night Club	771,635	Undetermined
6.	Enfield Hants Co.	Aug. 22-82	Millard Box Factory	300,000	Welding
7.	Ingonish Victoria Co.	Nov. 6-82	Ski Lodge	697,417	Suspected Incendiary
8.	Liverpool Queens Co.	Dec. 3-82	Fish Plant	420,045	Electrical
9.	Ingonish Victoria Co.	Dec. 13-82	Church Hall	300,000	Suspected Incendiary
10.	Ingonish Victoria Co.	Jan. 5-83	Highway Garage	452,000	Suspected Incendiary
11.	Lunenburg Lunenburg Co.	Feb.15-83	Fish Plant	2,000,000	Electrical
12.	Glace Bay Cape Breton Co.	Feb. 22-83	Supermarket	500,000	Suspected Incendiary
13.	Upper Musquodoboit Halifax Co.	Feb. 24-83	Limestone Plant	1,000,000	Welding
14.	Glace Bay Cape Breton Co.	Feb. 26-83	School	300,000	Suspected Incendiary
15.	Port Williams Kings Co.	Mar. 24-83	School	400,000	Suspected Incendiary
			Total	$10,904,720	

TABLE VIII

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN-YEAR PERIOD

April 1, 1973 - March 31, 1983

	Deaths				Serious Injuries				
Year	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
1973-74	23	7	14	44	70	11	7		88
1974-75	16	10	2	28	31	11	4	49	95
1975-76	13	8	16	37	32	17	11	31	91
1976-77	22	6	5	33	36	7	10	31	84
1977-78	17	8	6	31	44	8	8	59	119
1978-79	27	1	2	30	36	24	7	89	156
1979-80	11	8	11	30	40	16	15	95	166
1980-81	13	3	19	35	22	16	12	56	106
1981-82	13	2	6	21	35	14	7	75	131
1982-83	27	12	7	46	32	9	16	48	105
Total	182	65	88	335	378	133	97	533	1,141
Average Per Year	18	7	9	34	38	13	10	53	114

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD

April 1, 1973 - March 31, 1983

Chart I

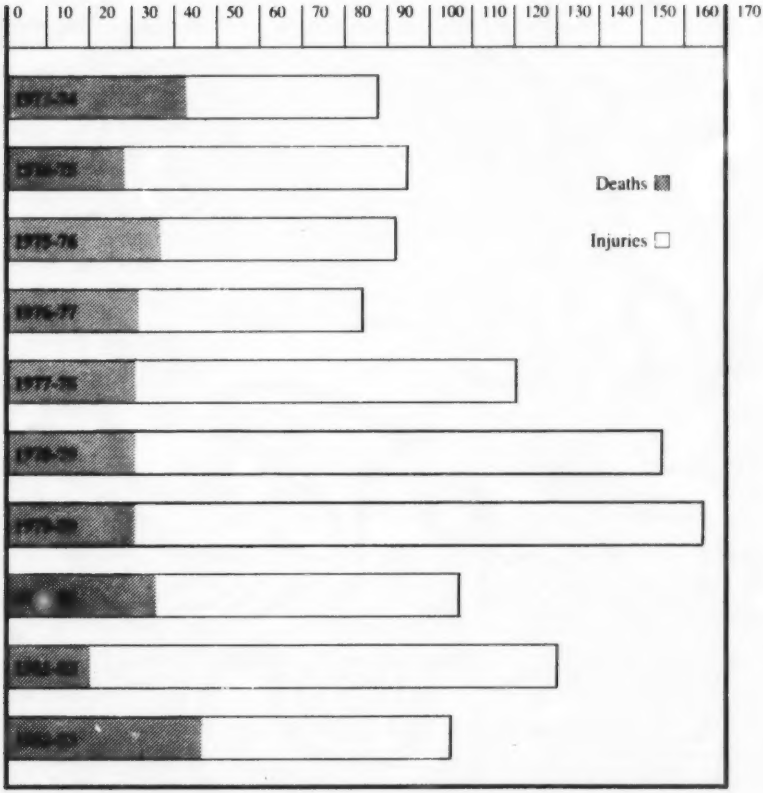


TABLE IX

MONETARY LOSSES DUE TO FIRE
TEN-YEAR PERIOD

April 1, 1973 - March 31, 1983

Year	No. of Fires	Losses			Consumer Price Index (Halifax) 1971 Base 100.0	Total Monetary Losses (1971 Canadian Dollar)
		Insured	Uninsured	Total		
1973-74	1,804	$ 11,031,942	$1,855,815	$ 12,887,757	120.2	$10,721,928
1974-75	1,978	13,891,574	439,150	14,330,724	132.2	10,840,185
1975-76	2,203	13,731,557	464,850	14,196,407	145.7	9,743,588
1976-77	2,127	12,350,191	812,245	13,162,436	155.7	8,453,716
1977-78	1,944	11,259,041	579,825	11,838,866	168.1	7,042,752
1978-79	2,274	15,190,858	116,480	15,307,338	182.5	8,387,582
1979-80	2,685	14,985,083	58,575	15,043,658	201.0	7,484,407
1980-81	3,057	34,562,831	145,792	34,708,623	225.1	15,419,202
1981-82	2,870	37,266,230	3,028,360	40,294,590	247.6	16,274,067
1982-83	2,589	28,241,772	923,134	29,164,906	267.5	10,902,769
Total	23,531	$192,511,079	$8,424,226	$200,935,305		$105,270,196